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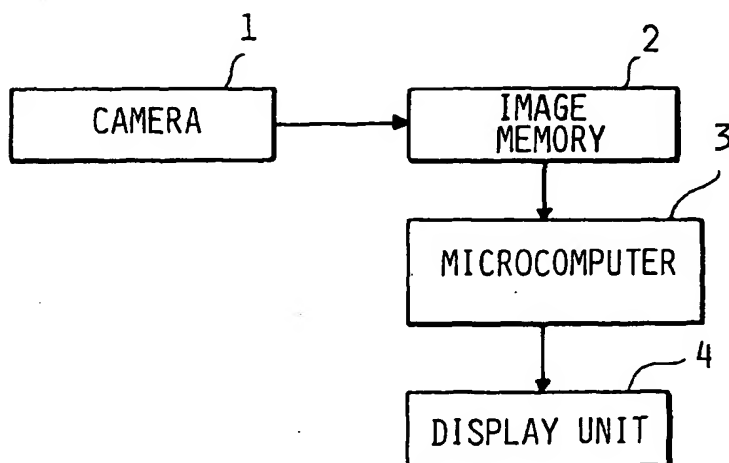
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(54) Title: APPARATUS AND METHOD FOR DETECTING OBJECTS



(57) Abstract: An apparatus for detecting an object is provided which detects the pitching of a vehicle, and detects the presence of an object the front of the vehicle itself with the pitching being taken into consideration. The apparatus includes a microcomputer that performs image processing for the image of the object to compute the velocity and acceleration of the object present in the picked-up image, and based on the computed acceleration of the object, to determine whether the image was captured when the vehicle itself was balanced. If the image is judged to be an image captured when the vehicle itself was not balanced, then the position of the object present in the picked-up image is computed based on another picked-up image that was captured when the vehicle itself was balanced.